

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 25-37 (cancelled)

Claim 38 (new): An isolated polynucleotide comprising:

- (a) a nucleotide sequence encoding polypeptide with Glu-tRNA Reductase activity, wherein the polypeptide has an amino acid sequence of at least 95% sequence identity, based on the Clustal method of alignment, when compared to one of SEQ ID NO:4, or
- (b) a complement of the nucleotide sequence, wherein the complement and the nucleotide sequence consist of the same number of nucleotides and are 100% complementary.

Claim 39 (new): The polynucleotide of Claim 38, wherein the amino acid sequence of the polypeptide comprises SEQ ID NO:4.

Claim 40 (new): The polynucleotide of Claim 38 wherein the nucleotide sequence comprises SEQ ID NO:3.

Claim 41 (new): A vector comprising the polynucleotide of Claim 38.

Claim 42(new): A recombinant DNA construct comprising the polynucleotide of Claim 38 operably linked to at least one regulatory sequence.

Claim 43 (new): A method for transforming a cell, comprising transforming a cell with the polynucleotide of Claim 38.

Claim 44 (new): A cell comprising the recombinant DNA construct of Claim 42.

Claim 45 (new): A method for producing a plant comprising transforming a plant cell with the polynucleotide of Claim 38 and regenerating a plant from the transformed plant cell.

Claim 46 (new): A plant comprising the recombinant DNA construct of Claim 42.

Claim 47 (new): A seed comprising the recombinant DNA construct of Claim 42.